

From owner-qrp-1@netcom.com Sun Feb 26 00:49:58 1995  
From: JEVERHART@cayman.VF.MMC.COM  
Date: Sat, 25 Feb 1995 11:28:45 -0500 (EST)  
Message-Id: <950225112845.22467a44@carib.vf.mmc.com>  
Subject: RE:"History of QRP in the US 1924 - 1960"

Gang,

I just had to add my 2 cents. I read one of the last ads for "Joy of QRP" in CQ magazine a couple of years ago. Called them and they said "it's out of print." Sob! So then I called Ade Weiss directly to get the same story!

When I saw "History---" advertised, I ordered it IMMEDIATELY! It's an excellent book that every serious ham should have in his bookcase. Ade has done many services to the amateur community with his newsletter, columns and his books. They are great reading.

BTW, Mike, WA8MCQ mentioned a couple of years ago that RSGB might have "Joy of QRP" for sale. I immediately wrote to them and ordered it. Took several months, but I got their last copy! I often reread parts of it when I feel jaded about QRP. Good stuff!

72/73,

Joe E. N2CX

From owner-qrp-1@netcom.com Sun Feb 26 01:00:10 1995  
Date: Sat, 25 Feb 1995 13:12:48 -0800 (PST)  
From: Steven Wilson <randyw@crl.com>  
Subject: Re: "History of QRP in the US 1924 - 1960"  
Message-Id: <Pine.SUN.3.91.950225131120.11622A-100000@crl10.crl.com>

On Sat, 25 Feb 1995 JEVERHART@cayman.VF.MMC.COM wrote:

> Deinis, i wish I knew where you could get the "History of QRP..."  
> Judging by the comments so far in this thread, lots of inquiring minds want to  
> know...  
>  
> Stay tuned.  
>  
> Good luck and 72/73,  
>  
> Joe E. N2CX  
>  
Contact the  
Author Adrian Weiss W0RSP

aweiss@charlie.usd.edu

From owner-qrp-1@netcom.com Sun Feb 26 01:02:59 1995  
From: JEVERHART@cayman.VF.MMC.COM  
Date: Sat, 25 Feb 1995 15:01:33 -0500 (EST)  
Message-Id: <950225150133.22451de7@carib.vf.mmc.com>  
Subject: Re: "History of QRP in the US 1924 - 1960"

Deinis, i wish I knew where you could get the "History of QRP..."  
Judging by the comments so far in this thread, lots of inquiring minds want to know...

Stay tuned.

Good luck and 72/73,

Joe E. N2CX

From owner-qrp-1@netcom.com Sun Feb 26 01:03:14 1995  
From: dwebster@netcom.com (Dennis Webster)  
Message-Id: <199502251836.KAA04012@netcom12.netcom.com>  
Subject: Re: "History of QRP in the US 1924 - 1960"  
Date: Sat, 25 Feb 1995 10:36:49 -0800 (PST)

>  
> Gang,  
>  
> I just had to add my 2 cents. I read one of the last ads for "Joy of QRP" in  
> CQ magazine a couple of years ago. Called them and they said "it's out of  
> print." Sob! So then I called Ade Weiss directly to get the same story!  
>  
> When I saw "History---" advertised, I ordered it IMMEDIATELY! It's an  
> excellent book that every serious ham should have in his bookcase. Ade has  
> done many services to the amateur community with his newsletter, columns and  
> his books. They are great reading.  
>  
What is the price and the address for ordering the History of QRP?  
72,  
Dennis  
--

```
-----
|Dennis Webster WJ6H/QRP          * LESS IS MORE! *|
|dwebster@netcom.com              |
|-----|
```

From owner-qrp-1@netcom.com Sun Feb 26 02:27:30 1995  
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)  
Subject: Re: "History of QRP in the US 1924 - 1960"

Date: Sat, 25 Feb 95 22:51:29 EST5EDT

Message-Id: <1995Feb25.225129.13528@wb3ffv.ampr.org>

Ade Weiss has a batch o' books at his home, and hinted that he might sell them here on the mailing list. The interest is certainly there! So all we're waiting for now is for Ade to put out the word. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org

E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA

Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sun Feb 26 01:32:39 1995

Date: Thu, 23 Feb 1995 09:51:17 -0330 (NST)

From: Bob Gobrick V01DRB/WA6ERB <bgobrick@terra.nlnet.nf.ca>

Subject: Re: "History of QRP" in the US 1924 - 1960

Message-Id: <Pine.OSF.3.91.950223094859.31942B-100000@terra.nlnet.nf.ca>

Steve - thanks for your comments on the History of QRP. As a follow-up I'd like to make my annual plea for any leads, hints, availability on obtaining a copy of Ade's "The Joy of QRP". I will pay a premium price (qrp premium that is) for a copy or loan of this book.

Please drop me a private email if you can help me out.

Tnx 72 Bob V01DRB/WA6ERB

-----  
Bob Gobrick V01DRB/WA6ERB/VE2DRB Newfoundland, Canada

QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: bgobrick@terra.nlnet.nf.ca  
rgobrick@public.compusult.nf.ca

Compuserve: 70466.1405@compuserve.com  
-----

From owner-qrp-l@netcom.com Sun Feb 26 01:50:22 1995

From: ddabay@ruacad.ac.runet.edu

Message-Id: <9502231630.AA13794@ruacad.ac.runet.edu>

Subject: 2200pf capacitor 10% identify??

Date: Thu, 23 Feb 1995 11:30:56 -0500 (EST)

Gang

I am about to finish up my qrp rig and got down to one cap that I am short.....With a 5 year old aggressively helping I consider this excellent.

Anyway, I am searching for a replacement....2200pf 10% disc the one installed is labelled .0022 I have found one in the scrap box labelled

220k  
x5f

I am not sure however that this is the same, some local tv types said it was can you guys verify??

thanks

dave

--

Dave Dabay      Race at Elk Creek Dragway!!      Elk Creek, VA      KD3PC  
Radford University Network Services      Internet: ddabay@ruacad.ac.runet.edu

From owner-qrp-l@netcom.com      Sun Feb 26 06:26:02 1995  
Subject: Re: 30 meter contest - NO  
From: brian.carling@acenet.com (Brian Carling)  
Message-Id: <2a6.11939.500@acenet.com>  
Date: Fri, 24 Feb 1995 07:28:00 -0500

>From: brian.carling@acenet.com

KG8IH(sct@po.cwru.edu) writes:

ST>A net's an idea, but maybe we don't need even that.      How about a simple  
ST>INET-QRP 30m "get-together"?      Specify a calling frequency and some  
ST>time, and go for some CW ragchews on and around the calling frequency.  
ST>No rules, no formality, and no prize besides fun and maybe a 2xQRP QSL  
ST>card or two.

Exactly!

Great idea Stephen. So how about my suggestion? 10.140 +/- 5 kHz  
on Saturday and Sunday afternoons 2000 - 2300 UTC ?

How many inet folks would like to give that a try this weekend??

---

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

From owner-qrp-l@netcom.com Sun Feb 26 06:30:36 1995  
Subject: 30 meters  
From: brian.carling@acenet.com (Brian Carling)  
Message-Id: <2a6.11938.500@acenet.com>  
Date: Fri, 24 Feb 1995 07:28:00 -0500

>From: brian.carling@acenet.com

WB3GCK(74740.3166@compuserve.com) writes:

CL>I've often heard traffic nets on 30; usually weekend mornings. Nets shouldn't be a problem. They only occupy one frequency for a relatively short period of time; contests tend to "spread out" and go on for days.

CL> > My suggestion was some sort of "fox" net with random checkins and scheduled net managers rotated around the country. The problem is what is a good time

CL> > - 30 meters usually begins to fold in the evening, but maybe that will not be a problem as we get more evening sunlight (yea - SPRING).

CL>I second the motion, Bob! I like the idea of a net with rotating net control stations. I'm not sure when the NW QRP net is, but a net an hour before theirs could be interesting.

CL>Anyway, if it looks like this thing is going to fly, put me on the list of candidate rotating net control stations. I love this stuff! :-)

CL>73, Craig WB3GCK

Guys, I'd be happy for either mode of operation, so long as we all know WHEN to pursue this, and so long as it is not dominated by some Net Control stations that are only hearable from the left coast!!

How about 2 or 3 different nets or NCSes spread out around the country if we are going to go to this NET type operation instead of a general QRP activity period??

I personally would prefer a general QRP activity period, so that more contacts would be made. Nets tend to induce people to make fake contacts with reports like 229 when they can't really hear each other. For example, the County Hunter nets!

72/73 de AF4K, Brian

brian.carling@acenet.com

---

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

From owner-qrp-1@netcom.com Sun Feb 26 06:47:45 1995

Subject: Re: 30M QRP Activity

From: brian.carling@acenet.com (Brian Carling)

Message-Id: <2a6.11936.500@acenet.com>

Date: Fri, 24 Feb 1995 07:28:00 -0500

>From: brian.carling@acenet.com

NA5N (pharden@aoc.nrao.edu) writes:

PH>\* There should be nothing wrong with a "net" type of operation. Stations  
PH> check into the net control station (the fox?), exchange signal reports and  
PH> whatever. There could also be a system of having several net controls  
PH> (foxes, one on each coast, one in the middle of the country, etc. separate  
PH> by a few KHz) for more variation and opportunity to work the stations.

PH>\* What is the policy regarding special event stations on 30M? Could not a  
PH> regular every saturday on 10.140 station-to-work kinda simply qualify as  
PH> a special event station, which I think conforms to the band plan?

PH>Perhaps we need to accumulate some ideas and run them past the ARRL for  
PH>their reading. Personally, I rather like the fox concept, perhaps with some  
PH>expansion and more foxes to work during one sitting.

Yes, if there is only ONE FOX to try to work, this is not going to be much fun considering we have QRPers ALL OVER the USA many of whom would not be able to work the fox. If band conditions are good it will take a long time for everyone to get a chance at this ONE station. I think we would do a lot better to have a general time for QRPers to get on the air and work each other at random with a SHORT exchange of information and then move on to more stations. Exchange could be RST, name, QTH & power. If everyone tries for ONE station or a 30 minute ragchew, there will be few QSOs. What QRPers want is to see what their station can do, or to work towards WAS etc. How about using 10.140 MHz plus or minus 5 kHz as a general QRP calling frequency on Saturday & Sunday afternoons at 2000 - 2300 UTC ???

How do the inet QRPers like that idea?

PH>71.99999999 (using Pentium chip), Paul NA5N

Your Pentium is more accurate than mine Paul!

71.99999768 de AF4K, Brian in Gaithersburg, MD

---

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

From owner-qrp-l@netcom.com Sun Feb 26 01:09:22 1995  
Date: Sat, 25 Feb 1995 08:57:00 -0800 (PST)  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: 78L05 pinout?  
Message-Id: <Pine.SUN.3.90.950225085515.23032D-1000000@nimbus>

Hi All,

Can someone here let me know what the pinout is for  
a 78L05?

Using one on the Curtis keyer for the 40a.

Thanks, Ron

.....KU7Y.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Sun Valley, Nevada....  
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-l@netcom.com Sun Feb 26 01:51:16 1995  
From: Bob\_White@ccmail.aerosys.loral.com  
Date: Thu, 23 Feb 95 13:56:52 EST  
Message-Id: <9501237935.AA793576612@ccmail.aerosys.loral.com>  
Subject: <didn't bother with a subject>

Congradulations to Bill N1QPR on bagging the SSB FOX.

Your persistence over the last few weeks has paid off!

I heard Steve AB4EL remark to the Warren on one of your near misses "I  
know who that was, but I can't say, but don't worry he'll be back"

72/73,  
Bob W03B

From owner-qrp-l@netcom.com Sun Feb 26 01:24:36 1995  
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>  
Date: Sat, 25 Feb 1995 18:33:19 CST  
Subject: airplanes  
Message-Id: <E3DAE70614@iunhaw1.iun.indiana.edu>

Again, I see nothing I sent in Steve's QRP digest but somebody must be seeing something as I have had several replies as to places in the Portland-Seattle area. I did NOT get an address nor a street name in Portland. Can anyone help out?? I did get both for Seattle so am looking forward to some stops there.

Now, does anyone know how big the overhead bins are in a DC-10?? I was thinking of taking a pair of 40 M mobiles and using them as a dipole in my travels. Was going to put them in a PVC sleeve and cap the ends. Would need to be 50 or so inches long. Would that fit?? Or do I go the check in the baggage route??

Thanks and 72 & 73 de Tim WB9NLZ

From owner-qrp-l@netcom.com Sun Feb 26 04:12:48 1995  
Date: Sat, 25 Feb 1995 23:02:51 -0800  
From: faunt@netcom.com (Doug Faunt N6TQS 510-655-8604)  
Message-Id: <199502260702.XAA03609@netcom9.netcom.com>  
Subject: Re: airplanes

In Portland the name is Portland Radio Supply, and the address is 234 SE Grand Ave, 503-233-4904

From owner-qrp-l@netcom.com Sun Feb 26 01:31:29 1995  
Date: Sat, 25 Feb 1995 11:07:37 -0800 (PST)  
From: Jeff Jones <jeffj@crl.com>  
Subject: Amateur Radio WWW page  
Message-Id: <Pine.SUN.3.91.950225110546.27758A-100000@crl.crl.com>

I have a home page that has some great links to callbook and DX QSL info. The URL is

<ftp://ftp.crl.com/users/ro/jeffj/www/home.html>

If you get can't access document please keep trying as my connection can get flaky at times.

Jeff

From owner-qrp-l@netcom.com Sun Feb 26 00:58:33 1995  
Message-Id: <3002839399.0.p01599@psilink.com>  
Date: Sat, 25 Feb 95 18:11:01 +0000  
From: "OPS JRF KC1FB" <p01599@psilink.com>  
Subject: Another NorCal 40A Lives!

I finished mine!.....Well it doesn't have a nice front panel yet...but



it sounds great...running it with a little Kenwood speaker and listening while I type. Mine uses 59 turns on L9 and a 47pF NPO cap for C49 and covers the whole Novice portion. Puts out about 2 Watts...28V P-P into a 50 ohm load. Draws 15 ma on receive...amazing...and anyone can adjust it. Wow, what a nicely designed rig/kit. Thanks!

Now to make some contacts!

72 Jim - KC1FB

From owner-qrp-1@netcom.com Sun Feb 26 01:04:31 1995  
From: Byron8LCZ@aol.com  
Date: Fri, 24 Feb 1995 19:33:35 -0500  
Message-Id: <950224193334\_31552231@aol.com>  
Subject: Re: Argonaut Production Quant...

Hi Bruce,

My Argonaut 509 is serial nr 509-4536. I bought it used in 1981.

72, Byron WA8LCZ

From owner-qrp-1@netcom.com Sun Feb 26 00:48:04 1995  
From: JEVERHART@cayman.VF.MMC.COM  
Date: Sat, 25 Feb 1995 11:15:17 -0500 (EST)  
Message-Id: <950225111517.22467a44@carib.vf.mmc.com>  
Subject: Re: Better VXO Results

Dan, you wrote:

> Well, well. Reading Joe-N2CX's account of his face-off with Jim-W1FMR  
> in the QRP-NE Build A Better VXO Contest, I got a pleasant surprise.

<SNIP>

> ...for a tuning range of 13.5 kc. So I beat Joe by just over one kc!

<SNIP>

Super, Dan, I love it! I'm sure that Jim, W1FMR will be delighted to see the interest that the etter VXO Contest has engendered (wow, what a word). Not only have we had some great times on 3579, but it's added some new tricks for homebrewers.

BTW, yeah, your 13.5 kHz is better than mine, but remember that the pulling

rnage is roughly proportional to frequency. Extrapolating my results to 40 would give a rnage of 24 kHz.....

Keep up the good work!

72/73,

Joe E. N2CX

From owner-qrp-l@netcom.com Sun Feb 26 01:01:47 1995  
Date: Fri, 24 Feb 1995 15:53:35 -0800 (PST)  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: Re: Better VXO Results  
Message-Id: <Pine.SUN.3.90.950224155059.19731A-100000@nimbus>

I seem to remember seeing xtals that had a screw adjustment that put more or less pressure on either the xtal or the plates that held it.

All you need to do is find one of those and go from there. Should give you a good start. Might have to use good old tubes to get the big xtal going but no one said it would be easy.....

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Sun Valley, Nevada....  
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-l@netcom.com Sun Feb 26 01:06:46 1995  
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)  
Subject: Re: Better VXO Results  
Date: Sat, 25 Feb 95 12:57:56 EST5EDT  
Message-Id: <1995Feb25.125756.671@wb3ffv.ampr.org>

By the way, a point about the Ha-Jo Brandt article in SPRAT a couple years ago that no one brought out yet--the reason he used several inductors in series with the crystal, and not a single, larger inductor, was due to self-resonance. A single, large inductor could easily have a self-resonant frequency below the crystal freq, and appear capacitive ("only his HP 8753C network analyzer knows for sure!"), while a number of smaller inductors in series would tend to have higher self resonant frequencies; thus, they would all appear inductive at the crystal frequency, and that's what we want. And one more thing that very few people here know about--Wes Hayward, W7ZOI had a short lived column in the QRP Quarterly circa 1985; in one edition he wrote about a wide range VXO with something like 50 KHz or 100 KHz (I

forget) span at 7 MHz. It was relatively complex, requiring lots of additional parts (coils and caps), but interesting. He said it was based on info in a book by Manneswitz on frequency synthesis. Never did try the circuit myself, but will do it one of these days. Also, circa 1982 or 1983, Noble had an article in Ham Radio on wide range VXOs. He claimed fairly large spans, too. He indicated that stability suffered quite a bit compared to a pure crystal oscillator, but that it was still considerably better than a pure LC oscillator. 73 and Queue  
Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org  
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org  
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA  
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sun Feb 26 01:17:33 1995  
From: JimN00CT@aol.com  
Date: Sat, 25 Feb 1995 08:05:44 -0500  
Message-Id: <950225080543\_31926109@aol.com>  
Subject: Re: Better VXO Results

I know you know this article of HaJo's works, but I thought I'd relay my experiences.

I rounded up some 20 uH molded inductors (ugly green ones obtained in a Dan's Small Parts grab bag), stuck em all end to end in my colpitts oscillator between the varicap and the crystal.

Originally (before the inductor addition) I was using a 10.105 MHz crystal and was getting about 6 kHz swing higher than the rock with about 1.2 uH and said varicap.

A friend said "gee, i've got this 5.0688 uProc. crystall that will double to the high end of 30 meters if you want it. Plugged it in, and it doubled to the high end--too high.

Plug in the aforementioned molded inductors, and I get 10.105-10.131 swing out of the critter now. Need to deal with some major harmonics (like \*everywhere\*, man....).

I like HaJo's circuit, and if one puts the inductors between the crystal and the varicap so one end of the cap is grounded, it is much more stable than with the cap between the rock and (will he say it? will he really say it?!). . . . . the inductors. {sorry evil punsters, just couldn't bring myself to do it %^}

Congrats on winning! Hope the competition is higher next year!

73, jim N00CT

From owner-qrp-l@netcom.com Sun Feb 26 01:19:37 1995  
From: Johnson\_Dan@AAC.COM  
Message-Id: <9502250635.22621.AA@smrouter.AAC.COM>  
Date: Fri, 24 Feb 95 22:33:00 PST  
Subject: Re: Better VXO Results

Well, well. Reading Joe-N2CX's account of his face-off with Jim-W1FMR in the QRP-NE Build A Better VXO Contest, I got a pleasant surprise. You see, I built a Two-Fer kit a few years ago and wasn't satisfied with the tuning range. My Hero, Doug-W1F1B, said (in his book[s]) that you can extend the range by adding an inductor in series with the rubbering variable cap. But not too much inductance, mind you - or the whoosiewattsits might go whizzbamcrashthud.

Ok, so what's too large? A bag of ubiquitous Radio Shack "miscellaneous inductors" in hand, I found a handful which looked suspiciously brotherly and soldered (ahh, inhale!) them directly to a R/S (cheap - inexpensive, too) 6-pole rotary switch, then wired the switch in series with the xtal and its cap. Having splurged on a 7040 xtal from JAN, here's what I got at various switch positions:

7040.5-7041.3  
7039.7-7040.8  
7038.7-7040.1  
7036.9-7039.1  
7033.9-7037.9  
7027.8-7036.1

...for a tuning range of 13.5 kc. So I beat Joe by just over one kc! (No drift measurement handy.) I have feared doing anything to it, like repackaging into a trans-receiver, on the theory that it had more to do with luck than pure inductance. But no! I am not alone! It is not magic! Thank you!

How's that for the I-didn't-know-what-the-heck-I-was-doing-but-it-does-something-so-just-use-it design methodology? And where is the line between VXO and VFO anyway?

72 de KC4EWT (VA)

P.S. BTW, if you try this at home, Not All Xtals Are Created Equal. My sole other 40M xtal, also 7040 from an unknown source, stops oscillating in the lower parts of the upper "bands" and won't oscillate at all in the lower bands. <sigh>. Maybe the two xtals have different internal capacitance or something like it. Or maybe the magic leaked out of one.

From owner-qrp-l@netcom.com Sun Feb 26 01:30:27 1995  
From: JEVERHART@cayman.VF.MMC.COM

Date: Sat, 25 Feb 1995 23:26:58 -0500 (EST)  
Message-Id: <950225232658.2245be27@carib.vf.mmc.com>  
Subject: Re: Better VXO Results

Jim, glad to hear of your results with the VXOs. The 5.0688 MHz VXO trick, complete with multiple series inductors is what W6EMT used in a 30 meter transmitter written up in QRPP and sold as a kit by Dan's Small Parts. I really does give a wide range!

For my info, you mention a varicap in your VXO, amking it a VCXO. The latter is one of my FAVORITE topics. Wonder what kind of varicap you used to get the wide range. Most easily available large tuning ratio varicaps MV108, etc. have a very high minimum capacitance. I have some old ones, probably from PSI, labelled V600. I believe they've been out of production for at least 15 years... They go from 180 pf at 1 volt reverse bias to less than 10 pf at 9 volts. Love to find a good inexpensive source for more of those! Anyway, what are you using?

72/73,

Joe E. N2CX

From owner-qrp-1@netcom.com Sun Feb 26 01:51:12 1995  
From: JEVERHART@cayman.VF.MMC.COM  
Date: Fri, 24 Feb 1995 23:08:33 -0500 (EST)  
Message-Id: <950224230833.2245914a@carib.vf.mmc.com>  
Subject: Re: Better VXO Results

Monte, you wrote:

> I seem to remember seeing xtals that had a screw adjustment  
> that put more or less pressure on either the xtal or the  
> plates that held it.  
>  
> All you need to do is find one of those and go from there.  
> Should give you a good start. Might have to use good old  
> tubes to get the big xtal going but no one said it would  
> be easy.....  
>  
> 73's, Ron  
>  
> .....KU7Y.....Monte "Ron" Stark.....  
> ....ku7y@sage.dri.edu.....Sun Valley, Nevada....  
> .....ARRL.....NorCal #330.....NRA LIFE.....

Oh my GAWD! I've been there and tried that! No way! It's all electronics for me!

BTW, the 12 KHz from my current VXO is just the beginning, I've got a better one in the lab.....

72/73,

Joe E. N2CX

From owner-qrp-1@netcom.com Sun Feb 26 01:51:50 1995  
From: JEVERHART@cayman.VF.MMC.COM  
Date: Fri, 24 Feb 1995 13:34:07 -0500 (EST)  
Message-Id: <950224133407.2245f6b1@carib.vf.mmc.com>  
Subject: Better VXO Results

Gang,

After I made so much noise about the QRP-NE Better VXO Contest, the least I can do is tell you how it turned out. Here's the poop!

#### QRP-NE Build A Better VXO Contest Results

The first annual QRP-NE Better VXO contest was held at the Mid-Winter meeting at ARRL HQ. It was a follow-on effort by the club to improve the 79er colorburst transmitter popularized by QRP-NE. The stock 79er is fixed on a single frequency, approximately 3579.545 kHz. The VXO (Variable Crystal Oscillator) Competition was set up to foster innovation in making a stable crystal oscillator that had a wide tuning range.

Our esteemed president, Jim, W1FMR announced the rules via the Internet QRP List during the Fall of 1994. When no further was said, I asked him what it was all about. In typical management style, he suggested that I help out. I did "push" it several times on the Internet, but unfortunately it received only slight mention in 72. Next time.....

Come the big day, we had a good turnout for the club meeting, but poor for the VXO cookoff. Jim had warned that KN1H would be there and show up all competitors, but John didn't make it. The only two entrants were Jim and myself, N2CX.

During lulls in Dave, NN1G's XX-40 clinic, we borrowed a frequency counter and power supply for the face-off. Results are below:

| High End Frequency | Low End Frequency | Tuning Range | 1 Min. Drift |
|--------------------|-------------------|--------------|--------------|
|--------------------|-------------------|--------------|--------------|

|       | (MHz)    | (MHz)    | (kHz)  | (Hz) |
|-------|----------|----------|--------|------|
| W1FMR | 3.58126  | 3.57755  | 3.71   | < 10 |
| N2CX  | 3.577320 | 3.565155 | 12.165 | 2    |

And the clear winner is: (Drum roll, please) - ME

How embarrassing! Honest, I didn't cheat!

Secret VXO Techniques:

The approaches taken were quite different. Jim, W1FMR used the original 79er circuit and just added a variable capacitor in series with the crystal. Yours truly used a time-honored design technique called plagiarism. I used a circuit that Ha-Jo Brandt DJ1ZB published in the Spring 1992 issue of GQRP's SPRAT (and was also reproduced in the July 1993 ARCI QRP Quarterly.) It's a modified "crystal Colpitts." Adjustability is gotten by putting a capacitor and several inductors in series with the crystal. Using the inductors increases the tuning range significantly. And using several coils in the range of 10 to 100 microhenries decreases the effect of each coil's stray capacitance.

See the referenced article for more details.

Well, that's it gang. Let's continue the effort and have another "rubber rock" match. Certainly someone can do better than a paltry 12 kHz!

72/73,

Joe E. N2CX

From owner-qrp-l@netcom.com Sun Feb 26 00:50:59 1995  
 Date: 25 Feb 95 10:36:58 EST  
 From: Craig LaBarge <74740.3166@compuserve.com>  
 Subject: Cabinet Labels  
 Message-Id: <950225153657\_74740.3166\_EHB56-1@CompuServe.COM>

In response to my original posting asking about good ways to add labels to QRP projects, someone mentioned using clear labels made for laser printers. Great idea!

Earlier this week, I had an evening to kill while on a business trip, so I checked out an office supply store. I bought a pack of clear laser labels (Avery 2660) for about \$7. The package contained 20 sheets of eight labels each measuring about 1" x 2-5/8". The package also contains instructions on

formatting for most major word processing programs. You can also buy a disk with templates already made up or download them from CompuServe (GO AVERY).

I followed the formatting instructions and typed in the words and phrases I needed for my 40-40 and my homebrew keyer. (I actually printed several copies of each, in case I screwed up while experimenting.) The printing on the labels came out very clean and crisp. (I used the bold 7pt helvetica font.) I used an Exacto knife to cut out the words and just stuck them onto the cabinets.

They look pretty good! The printing is also quite durable and seems to be fairly resistant to smudging. The adhesion is also very good. I didn't apply any kind of sealer, so time will tell how well they hold up. Anyway, I figure I have enough labels left over to easily replace them in the future, if need be.

My thanks to whoever it was who mentioned this technique.

73, Craig WB3GCK

From owner-qrp-l@netcom.com Sun Feb 26 00:56:12 1995  
From: penc@psuh02meteo.psu.edu  
Date: Sat, 25 Feb 1995 18:44:53 GMT  
Message-Id: <95022518445293@psuh02meteo.psu.edu>  
Subject: Cabinet labels

Gang:

This is a resend to the list of a mail I sent several days ago and never made it for some reason or other.

For years I have been active in building various electronic equipment from audio gear, to weather instruments to radio transmitters. I, like many, prefer the "professional" look to that produced by plastic tape (i.e., Dymo labeling). What has worked best for me is the rub off transfer decals. My personal favorite is the Chartpak Velvet Touch lettering that is used for manually produced artwork. They come in 8 1/2x11" sheets, and one sheet will last a **long** time. I usually prepare the metal surface by first removing excess oil with either alcohol, paint thinner, or acetone. It also applies well to painted surfaces. After the lettering is applied (start with the middle letter so that it is easier to center) I apply a quick thin coat of either spray acrylic or lacquer-- the latter can dissolve the lettering a little if a thick coat is applied. However, I have rarely had this problem since I let it dry thoroughly before subsequent coats. A total of three or four thin coats usually does the job, and doesn't run if you are careful. As for fonts, I prefer the conservative look-- Helvetica or Helvetica Bold, in from 8 to 12 point, with 10 being my favorite for size match to the gear and



controls I use.

I usually obtained my Chartpak lettering from college or university book stores, however, I have also obtained it at art supply stores. Being in a university town, I am fortunate right now.

However, with the advances in computer graphics software such as Corel Draw, this lettering has become increasingly difficult to find. Particularly the smaller (8 to 12 point) "normal" fonts like Helvetica appears to be in short supply here. I have used this material to doctor up my Master's thesis figures \*\*many\*\* years ago (early 80's), and somewhat for my PhD figures-- stuff that can't be easily done on a computer or scanned in. Today, my primary use is for producing professional looking front panels.

Questions: Does anyone know of art supply mail order catalogs that may currently handle this stuff? There seems to be a catalog for every interest from which to mail order stuff-- but I am not aware of art supply sources. If any lister can suggest anything it'd be appreciated. Second, i've heard through one of the PC oriented mags of special transparent film that can be used with graphics software to produce your own custom rub-off lettering sheets. This was a recent find of mine, but I don't recall where I saw it or if it is any good. Any suggestions? In the meantime I'll search my files to see if I can cough it up.

Good luck to all on your projects...

PS: Gary (N2JGU) equipment featured in QST is indeed real artwork. I have seen those cabinets myself and they are indeed beautiful!

de WK2A  
Rich Penc  
penc@psumeteo.psu.edu  
ARRL Life Member, NORCAL member

From owner-qrp-l@netcom.com Sun Feb 26 01:09:25 1995  
Date: Sat, 25 Feb 1995 09:31:03 -0700 (MST)  
From: Richard Kendrick <rrk@ramp.com>  
Subject: Re: Cabinet Labels  
Message-Id: <Pine.3.89.9502250947.A554-0100000@taz.ramp.com>

On 25 Feb 1995, Craig LaBarge wrote:

[snip]

> I used an Exacto knife to cut out the words and just stuck them onto  
> the cabinets.  
> The printing is also quite durable and seems to be fairly resistant to  
> smudging. The adhesion is also very good. I didn't apply any kind of  
> sealer, so time will tell how well they hold up.

Before you cut out the labels and apply them to the panel, use a blank label and cover the printed label. The second layer becomes your sealer. Then cut them out and apply them to the panel. It takes a little practice but, if you like, you can round the corners of the label before applying it to the panel for a little cosmetic enhancement. And with a bit of careful burnishing, all the bubbles and such are smoothed out and you have a raised letter effect. I've done this with scotch tape and dry transfer labels with good success, too.

|                                      |                     |                                   |
|--------------------------------------|---------------------|-----------------------------------|
| Richard Kendrick CET WA7TWI          |                     |                                   |
| Amateur Radio Extra Class            |                     | Do not adjust your mind, there is |
| QRP #4129/G-QRP #8591/MI-QRP #M-1412 |                     | a fault in reality.               |
| Phoenix, AZ                          | email: rrk@ramp.com |                                   |

From owner-qrp-l@netcom.com Sun Feb 26 01:04:16 1995  
Date: Sat, 25 Feb 1995 22:51:25 -0500 (EST)  
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>  
Subject: for sale tentec 405 linear  
Message-Id: <Pine.3.89.9502252246.A25221-0100000@orichalc.acsu.buffalo.edu>

for sale tentec 405 linear, covers 10-80 mtrs. 1 watt in  
50 watts out. with manual and cables this unit is in  
mint condx. 165.00 includes shipping.....  
call 716-826-7740  
or via e mail....  
dave aa2pf....

From owner-qrp-l@netcom.com Sun Feb 26 01:20:05 1995  
Date: Sat, 25 Feb 1995 22:32:41 -0500 (EST)  
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>  
Subject: for sale tentec 405 linear  
Message-Id: <Pine.3.89.9502252259.A13405-0100000@conciliator.acsu.buffalo.edu>

for sale tentec 405 linear. 1 watt in 50 out, covers  
10-80 mtrs. with manual and cables. this linear is in  
mint condx. 165.00 includes shipping....  
call 716-826-7740  
dave..aa2pf....

From owner-qrp-l@netcom.com Sun Feb 26 00:49:07 1995  
Date: Sat, 25 Feb 1995 21:01:11 GMT  
From: Goran Hosinsky <goran@royac.iac.es>  
Message-Id: <9502252101.AA02171@royac4.royac.iac.es>  
Subject: ftp.netcom.com

Sorry I am dumb on this net stuff, but where on ftp.netcom.com are the

r2t2stn files?        73    Goran    EA8YU

From owner-qrp-1@netcom.com Sun Feb 26 02:16:31 1995  
Message-Id: <199502260348.TAA02390@holonet.net>  
Subject: Re: ftp.netcom.com  
Date: Sat, 25 Feb 95 19:48:27 PST  
From: John Seboldt <rohrwerk@holonet.net>

The files r2t2stn.ps and t368vfo.txt are available for anonymous FTP at  
ftp.netcom.com, directory pub/ra/rander/qrp.

John Seboldt K0JD  
Minneapolis, MN

From owner-qrp-1@netcom.com Sun Feb 26 01:04:30 1995  
Message-Id: <9502251312.AA01325@nms1.abb.com>  
From: Tom\_Jennings <jennings@eng16.rochny.uspra.abb.com>  
Subject: Has anybody heard of this rig:  
Date: Sat, 25 Feb 95 8:13:09 EST

Hi QRPers,  
Has anybody ever heard of a 10m rig called Ranger 2950?  
Its a cw/ssb/am/fm.. Removing a jumper or two it covers 26 - 32  
Mhz.  
Thanks for any help!

73  
TJ, kv2x  
--

-----  
Thomas J. Jennings            | Tel: (716) 273 7071  
Senior Engineer                | Fax: (716) 273 7262  
                                 |  
ABB Process Automation        |  
Post Office Box 22685         |  
Rochester, New York 14692-2685 |  
                                 |  
-----

Internet: jennings@jennings.rochny.uspra.abb.com  
-----

From owner-qrp-1@netcom.com Sun Feb 26 01:19:32 1995  
Message-Id: <199502250512.VAA07887@holonet.net>  
Subject: John's R2 rig improved  
Date: Fri, 24 Feb 95 21:12:16 PST  
From: John Seboldt <rohrwerk@holonet.net>

Just a little update on my R2 based setup... Last description was posted on ftp.netcom.com as r2t2stn.ps, with a proposed T2 hookup. This will be printed in QRP Quarterly soon, right Ray?

Well, I've refined the modification of the T-368 exciter -- cleaner, and about 4V p/p maximum output. Full document on this will come out someday :-)

And I have revamped my amplifier chain to get ready for linear amplification of my T2 with lots of headroom: it now stands at: 2N5179, 2N5109, paralleled 2N3553's (like "Solid State Design's" SSB driver amp setup), and a pair of NTE236's (roughly equivalent to the MRF475) in push-pull. Final is similar to the first half of the Motorola MRF476 pair/MRF475 pair 20 watt amp. With a smaller output transformer, this setup starts to clip at about 7 watts, so handles 5 watt QRP with lots of headroom. (And I'll probably put in a pair of MRF477's for about 50 watts -- don't tell anybody.) The 2N5109 and 2N3553's are keyed, as is the bias supply to the NTE236's, thus saving on receive current drain.

The diode TR switch is similar to what I've documented, except I'm using 1N4007's (HV rectifiers that incidentally have PIN structure), with a little rectifier setup to back bias the diodes from the RF on transmit. This last idea borrowed from my Ten Tec Argosy.

I think the gain will be too hot for the T2, in which case I remove the 2N5179 or attenuate the heck out of the input. Meanwhile, still pure CW.

John Seboldt K0JD  
Minneapolis, MN

From owner-qrp-l@netcom.com Sun Feb 26 01:13:16 1995  
Date: Sat, 25 Feb 1995 11:43:24 -0500 (EST)  
From: Jeff Shelton <jshelton@cais.cais.com>  
Subject: Kit advice  
Message-Id: <Pine.BSI.3.91.950225112305.21813A-1000000@cais3.cais.com>

Discovered the QRP list a few days ago, and was hoping you folks wouldn't mind if I asked for a bit of advice. I'm looking to get back into ham radio after letting my license lapse 15 years ago. I particularly want to be able to work CW QRP (after I get a new license), and I'd like to build a transceiver. I'm no electronics wiz, but I can solder and follow directions, and I built a few Heathkits way back when. Any suggestions as to appropriate xcvr kits for my limited skills?

I've talked to the folks at Oak Hills, and like their offer to

align completed kits for a modest fee, since I haven't any test equipment to speak of. Do any other kit suppliers do this?

I also have some questions about antennas for portable/mobile QRP, but wasn't sure if they are on topic for this list. Is this OK, or is there a more appropriate place?

Thanks -- Jeff Shelton (jshelton@cais.com)

From owner-qrp-l@netcom.com Sun Feb 26 00:49:22 1995  
From: JEVERHART@cayman.VF.MMC.COM  
Date: Fri, 24 Feb 1995 22:56:23 -0500 (EST)  
Message-Id: <950224225623.2245914a@carib.vf.mmc.com>  
Subject: Re: Last 79er Evening

Paul, yeah I kinda figured the 339 was generous... I need a more efficient 80 meter antenna! I'm sure the on-and off rtty qrm didn't help, either. At least this time a few of you heard me. I'll be back with a bigger afterburner - 5w instead of 2w. And as I mentioned to Ted, KF8EE, I've got a better antenna in the works....

Thanks for sticking with me. Hope to see you at Dayton if you can make it there!

72/73,

Joe E. N2CX

From owner-qrp-l@netcom.com Sun Feb 26 01:44:42 1995  
Date: Fri, 24 Feb 1995 20:31:06 -0500 (EST)  
From: James Lyons <jlyons@CAM.ORG>  
Subject: Re: Last 79er Evening  
Message-Id: <Pine.SOL.3.91.950224202913.2624A-100000@ocean>

On Thu, 23 Feb 1995 JEVERHART@cayman.VF.MMC.COM wrote:

> Gang,  
>  
> Whew, finally some success in the 79er get-together.  
>  
>  
> Darn, the cw fox hunt is over and now the 79er stuff. You mean I gotta  
> go back to random QSOs?  
>

Why should it be so? I, for one, vote we make it a regular event but

would prefer another evening so I can watch Seinfeld!

Jim, VE2KN

From owner-qrp-1@netcom.com Sun Feb 26 01:44:59 1995  
Date: Sat, 25 Feb 1995 07:58:41 -0500 (EST)  
From: James Lyons <jlyons@CAM.ORG>  
Subject: Re: Last 79er Evening  
Message-Id: <Pine.SOL.3.91.950225075221.28902A-100000@stratus>

On Fri, 24 Feb 1995 JEVERHART@cayman.VF.MMC.COM wrote:

> Jim,  
>  
> Wow, another one of those guys with stamina who pulled me out of the noise!  
>  
> I'd like to continue the fun on 3579, too. Thursday works for me, but why not  
> pick another night that doesn't interfere with your boob-tube entertainment.  
> You know maybe we ought to get Chuck, K5FO interested. Maybe we could have  
> another FOX type event. We could call it FOX on the Rocks or Hamming on  
> Slippery Rocks or something.  
>  
> 72/73,  
>  
> Joe E. N2CX

Sure I don't mind getting anyone involved. In any event it has become a habit ... in just two weeks ... so I'll probably just get on there with the ONER on Thursday ... the VCR takes care of Seinfeld ... and call.

BTW I use the Sierra for an RX. No QSK just a DPDT switch on the ONER PC board case (1 inch cube). The color burst crystal is an HC 16 and the ONER has an HC 25 holder so I have a very shaky adaptor and sometimes go off the air suddenly.

Jim, VE2KN>

From owner-qrp-1@netcom.com Sun Feb 26 01:51:39 1995  
Date: Fri, 24 Feb 1995 17:07:32 +0500  
From: teda@meaddata.com (Ted Albert)  
Message-Id: <9502242207.AA23845@rain.meaddata.com>  
Subject: Re: Last 79er Evening

Text deleted.....

> I also heard several others, including, I think KF8EE. The rest were  
> buried in S-7 electrical noise.

>

Text deleted.....

> 72/73,

>

> Joe E. N2CX

>

>

>

That was me with my homebrew 2N2222/2N3053 xtal rig with 1 watt. I worked WB8E and W1FMR before I was called away by the duty pager. I used a toggle switch on the front of the case for T/R and to disable the B+ to the final stage so I could spot the rig on the station receiver.

Anyone out there still working on colorburst rigs interested in an additional night or two of activity before we call it quits until next year?

73 de Ted, KF8EE

From owner-qrp-l@netcom.com Sun Feb 26 02:06:57 1995

Date: Fri, 24 Feb 1995 17:09:52 -0500 (EST)

From: prvalko <prvalko@vela.acs.oakland.edu>

Subject: Re: Last 79er Evening

Message-Id: <Pine.3.89.9502241716.A14311-0100000@saturn.acs.oakland.edu>

Joe,

Man, you were weak. That 339 was pretty generous :-)

WB8E was tring to work you, too. I was on the Corsair, running <5W.

73 =paul= wb8zjl

p.s. I took a couple minutes off from building the FANTASTIC Norcal 40A to work threee guys last night. You, the pres of NE-QRP and that VE2 something.

From owner-qrp-l@netcom.com Sun Feb 26 02:12:42 1995

From: JEVERHART@cayman.VF.MMC.COM

Date: Thu, 23 Feb 1995 23:15:30 -0500 (EST)

Message-Id: <950223231530.224400d5@carib.vf.mmc.com>

Subject: Last 79er Evening

Gang,

Whew, finally some success in the 79er get-together.

You may remember that I lashed together a ONER transmitter and QSK one Thursday for the event. But the relay in the QSK didn't work. Well, Bill Kelsey of Kanga USA sent me a couple of replacements. That was the whole problem. The QSK works fine, now. And I built a VXO for the QRP-NE Better VXO competition. It, too works fine, with a stable swing of 12 kHz. I'll send the results to the net tomorrow - I left them on the computer at work :-(. I also built an afterburner that puts out a whopping two watts!

The last formal 79er event was tonite. And finally I worked some folks! Here's my log.

| Time  | Station | RST Rcvd | QTH        | Name  | NE# | RST Sent |
|-------|---------|----------|------------|-------|-----|----------|
| ----- | -----   | -----    | -----      | ----- | --- | -----    |
| 0210Z | W1FMR   | 559      | NH         | Jim   | 1   | 569      |
| 0242Z | VE2KN   | 339      | PQ         | Jim   | 231 | 449      |
| 0258Z | WB8ZJL  | 339      | nr Detroit | Paul  | 5W  | 449      |

I also heard several others, including, I think KF8EE. The rest were buried in S-7 electrical noise.

Great to work Jim, W1FMR, the President of QRP-NE after meeting him Saturday at ARRL HQ. Thanks to VE2KN and WB8ZJL for sticking with me, QRM and QRN were very bad as was some RTTY that came and went. Gotta apologize for my keying. I was as jittery as a novice during his first QSO, and one of the keying leads developed an intermittent during the event :-).

Darn, the cw fox hunt is over and now the 79er stuff. You mean I gotta go back to random QSOs?

72/73,

Joe E. N2CX

From owner-qrp-1@netcom.com Sun Feb 26 01:04:57 1995  
Date: Sat, 25 Feb 1995 13:26:21 -0500 (EST)  
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>



Subject: my introduction to all qrp  
Message-Id: <Pine.3.89.9502251304.A25608-0100000@destrier.acsu.buffalo.edu>

HI GANG,  
JUST WANT TO INTRODUCE MYSELF TO E-MAIL AND QRP-L.

CALL: AA2PF  
NAME: DAVE  
QTH: NR BUFFALO, NY  
RIGS: ARGONAUT II, HW8, AND NE 40/40  
ANT: 40 AND 10 MTR DIPOLES

BENN HAMMIN 23 YEARS-STRICTLY QRP NOW, FOR THE LAST 11 YEARS.  
BELONG TO THE ARCI, G-QRP, AND NORCAL.

72'S & 73'S  
DAVE AA2PF

From owner-qrp-l@netcom.com Sun Feb 26 01:02:24 1995  
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)  
Subject: N0OCT coming to Rockville, MD on Wed  
Date: Sat, 25 Feb 95 13:20:03 EST5EDT  
Message-Id: <1995Feb25.132003.9961@wb3ffv.ampr.org>

Jim, N0OCT, will be passing thru Rockville, MD, starting on 1 March.  
(That's just outside Washington, DC, at about the 11 o'clock position  
on the beltway.) I'm going to try to drive over and see him  
(arrangements to be made later), perhaps on Wed or Thurs. I don't  
have anything specific in mind yet, though. If anyone else in this  
area would like to meet him, here's your chance.

Here's his latest, received today (Saturday)--

>From: JimN0OCT@aol.com  
Subject: Re: Trip to Rockville...

It's a go. Will be arriving wed morning about 11:00 am for the  
FDA/ISPE conference. Conference gets over at around 5:00 pm that day  
(the "networking session" starts then--barf!). So whenever is a good  
time for you and any other QRP'ers, let me know. I'll be staying at  
the Ramada Inn, and the phone number is 301.881.2300. Won't have a  
rent-a-wreck with me, but may be able to get a cab to where ever.

Look forward to meeting you, if this works out!

73, Jim N0OCT

Not sure how many days he'll be here. (Bad timing--pity he couldn't have something that put him in town for our QRP Show and Tell at Md. Radio Center in Laurel on Saturday, the 4th....or at least I presume he'll be back home by then.) If anyone else is interested in meeting up with him, give me a call--work is 410-290-1919 and home is 410-551-1633. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org  
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org  
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA  
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Sun Feb 26 02:20:29 1995  
Message-Id: <199502260308.WAA25918@slc5.INS.CWRU.Edu>  
From: Stephen Trier <sct@po.cwru.edu>  
Date: 26 Feb 1995 03:08:31 GMT  
Subject: NE OH QRP gathering?

If the folks on the east and west coasts can do it, why not those of us on the north coast? The Cleveland Winterfest in Berea, Ohio on March 5th would be a good time for a QRP party, so you all are hereby invited to get together afterwards for lunch and swapping of yarns. Bring a rig if you want, or bring some tales of the valiant search of QRP DX...

Send me e-mail if you think you might be there, and we'll work out the details.

Stephen

--

Stephen Trier "If it sounds good, it is good."  
sct@po.cwru.edu - Duke Ellington  
KG8IH

From owner-qrp-1@netcom.com Sun Feb 26 00:56:38 1995  
Date: Fri, 24 Feb 1995 16:40:37 -0800 (PST)  
From: Electronic Design Magazine <dmalinak@CLASS.ORG>  
Subject: Re: Need NorCal help  
Message-Id: <Pine.SUN.3.91.950224163740.2629C-1000000@class.class.org>

Thanks a bunch to everybody who responded to my message with Doug Hendricks's e-mail address. I want to know when the next runs of 40A's and Sierras will be so I can screw them up! (See my earlier message about

my Explorer...sheesh!)

72/73, David N2SMH

From owner-qrp-1@netcom.com Sun Feb 26 01:19:34 1995  
Date: Fri, 24 Feb 1995 20:54:29 -0500 (EST)  
From: James Lyons <jlyons@CAM.ORG>  
Subject: Re: Need NorCal help  
Message-Id: <Pine.SOL.3.91.950224205316.3983B-100000@ocean>

On Fri, 24 Feb 1995, Electronic Design Magazine wrote:

>  
> Thanks a bunch to everybody who responded to my message with Doug  
> Hendricks's e-mail address. I want to know when the next runs of 40A's  
> and Sierras will be so I can screw them up! (See my earlier message about  
> my Explorer...sheesh!)

>  
> 72/73, David N2SMH  
>

Don't think you'll screw up a NorCal kit ... if I can get one to go first  
time \*\*\* anyone \*\*\* can!

Jim, VE2KN

From owner-qrp-1@netcom.com Sun Feb 26 01:39:58 1995  
From: N9DD@aol.com  
Date: Thu, 23 Feb 1995 09:12:57 -0500  
Message-Id: <950223091256\_29964688@aol.com>  
Subject: NorCal 40A Success

A couple nights of QRP building bliss ended with the successful  
completion of my new NorCal 40A. I'm thrilled. This thing is the  
neatest little rig I've ever owned. I couldn't be happier.

Construction was a breeze. Wayne's efforts on the manual are much  
appreciated. Its a beauty. The rig tuned up easily. I did have one  
early disappointment, though. When I first connected an antenna  
and got the receiver peaked up, I wasn't real happy with the low  
audio volume. After a short while I realized that I had the volume  
controls on the silly headphones I was wearing, quite a way down.  
I turned them full on and had plenty of audio! I guess that sort of  
thing can happen when you finish a building project at 3 am! :-)

So does it work? A short while ago, I got brave and connected everything to try for a QSO. Tuning around, I heard a loud CQ. One short call and BINGO! - NorCal 40A success! I worked W4REI in Atlanta, Georgia. He gave me a 559 and we had a nice 20 minute chat.

Thanks to Wayne N6KR and NorCal for a great project. When I first heard about the new run of NorCal 40As, I jumped for it. I'm sure not disappointed!

72,

Tom Frisz N9DD  
South Bend, IN

From owner-qrp-l@netcom.com Sun Feb 26 05:36:28 1995  
Date: Fri, 24 Feb 1995 06:53:26 -0800 (PST)  
From: Electronic Design Magazine <dmalinak@CLASS.ORG>  
Subject: NorCal rise (second try)  
Message-Id: <Pine.SUN.3.91.950224064621.11275B-1000000@class.class.org>

I apologize if some of you are seeing this for a second time. I originally posted this on Monday or Tuesday. However, it didn't get sent back to my mailbox with the rest of the list traffic, nor did I receive any kind of replies. So I'm sending it again.

This really only is intended for the individual(s) in NorCal who are responsible for memberships.

Early last week, I sent off a letter with a check for \$5 to Jim Cates asking to be included as a member of NorCal and to be signed up for a year of QRPP. Then, early THIS week, I saw Doug Hendricks's post about the rate rise to \$10.

So, my question is...where does that leave me? Should I send along another \$5 check to make up the difference, or did I sneak in under a "deadline?" It's not the money I'm worried about, but rather that I get on the membership list and start getting the publication! In his post, Doug indicated that the March edition of QRPP had been mailed and there were no more copies.

So if anybody knows the answer to this question, I'd appreciate hearing from you!

73 David N2SMH  
Glen Rock, NJ

From owner-qrp-1@netcom.com Sun Feb 26 01:31:25 1995  
Message-Id: <25FEB95.15198721.0329.MUSIC@MARISTB.MARIST.EDU>  
Date: Sat, 25 Feb 95 14:04:22 EST  
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>  
Subject: OHR Sprint II

Can anybody give me some information on an OHR Sprint II as a 1st kit.  
How does it compare to the NorEast 40/40, or any other single band low 2  
watt (2) transceivers.

From owner-qrp-1@netcom.com Sun Feb 26 01:43:02 1995  
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>  
Date: Thu, 23 Feb 1995 15:23:25 CST  
Subject: Portland-Seattle  
Message-Id: <B0AECF198E@iunhaw1.iun.indiana.edu>

I will be in the Portland-Seattle area March 17-21. Are there radio  
stores there that are worth visiting?? I usually have reams of  
things to do but with being chairman of the department at the  
university this semester and teaching four courses, I think I am just  
going to let down and enjoy the scenery. Hope to take my MXM toys  
along and perhaps see what I can do there.

72 & 73 de Tim WB9NLZ

From owner-qrp-1@netcom.com Sun Feb 26 01:02:22 1995  
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)  
Subject: QRP show in Laurel, MD--reminder  
Date: Sat, 25 Feb 95 13:20:21 EST5EDT  
Message-Id: <1995Feb25.132021.9961@wb3ffv.ampr.org>

QRP SHOW IN LAUREL, MD

Here's the announcement again! Don't want anyone to miss this! It's  
only a week away....

I called up Maryland Radio Center in Laurel (halfway between  
Washington DC and Baltimore) and set the date for our next QRP Show  
and Tell: the first Saturday in March, the 4th. This time I'm going  
to do it a bit differently: in the past, we advertised it as all day  
(the store is open from 1000-1500), but that spread people out a bit  
too much. This time, I want to squeeze it in a bit so more of the  
people can run into each other. We'll do it from 1100-1400 (although  
there will still be early birds and stragglers).

Format: the usual, total anarchy and chaos. Come and leave when you  
want, bring anything you want to show off or tell lies about, or just  
come and talk QRP. W6TOY, new columnist for the QRP Quarterly will

probably show up; KA3ZOW, Dick of S&S Engineering will quite probably be there, along with some of his rigs, including the new TAC1 which has a rotary tuning knob; several people from qrp-l have expressed an interest in attending (but may not be available on this particular date). K3TKS might even bring in his new QRP+ transceiver.

How to find it: MRC is at 8576 Laureldale Drive. MD Route 198 goes through Laurel between I95 and the Baltimore/Washington Parkway (Route 295). Get off onto Route 198 from either one and head toward Laurel. About halfway between "downtown" (Route 1) and the BW Pkwy is an Acura dealer on one corner at a stop light, and there is a big sign in their corner for Laureldale Business Center. There is a short, dead end, private road which runs down behind the Acura dealer--that's Laureldale Drive, and there's only one building down there; MRC is the third door down. (The road has a different name going the other way from the light, where it goes into the Maryland City subdivision.) Landmarks--just past the stop light there is a fire station with its own traffic signal, and a McDonalds right across from it. If you see these two, you are either almost there or just went past your turn. If you have any questions, the stores phones are (301) 725-1212, (301) 470-4266 (DC metro exchange) or (410) 880-4266 (Baltimore exchange). You can also get on the 146.76 repeater (Jessup) and ask for directions if you get lost.

One more thing--I'll be bringing along a few things to sell. I'll have a few TFM-2 mixers at a very good price, courtesy of N00CT (assuming they don't get lost in the mail when he sends them). I'll also be selling off one of my HW-8s. Note--it does not work and some parts will have to be installed. As a matter of fact, about 95% of the parts need to be put in--it's an almost completely unassembled kit! If you missed out on building one of these 15 years ago, here's your chance.

18 Feb update: I have the mixers now, and they WILL be there!  
25 Feb update--tested all the mixers on my DBM tester, and they are all good,

73 and Queue Our Pea DE WA8MCQ  
wa8mcq@hambbs.wb3ffv.ampr.org

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org  
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org  
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA  
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sun Feb 26 02:27:07 1995

Message-Id: <2f4dc863.pandora@pandora.uucp>  
Date: Fri, 24 Feb 1995 19:52:01 +0800  
From: "W. Daniel, 9V1ZV" <pandora!daniel>  
Subject: QRP-L List info

Yo, the rest of you out there,

To all those who haven't yet sent in their info to be incorporated into the list I am compiling, start sending those info now. In case you don't know what's going on, I am compiling a list of info:-

Name  
Callsign(s)  
Email address(s)  
QTH  
Equipment  
Favorite band/mode  
Areas of interest

Now, if you feel uncomfortable with any of the fields just leave it out, but you could at least send your name, callsign and email address, providing that is no secret, right? :-)

I'm not going to wait indefinitely, so if I feel like there are no one else sending their info, I'm gonna close the file for now. So, once again, all those who are reading this and don't know what this is about, you're probably one of those I am talking about. Send me your info if you want to be included in this list/info.

No, this is no commie conspiracy and no, I don't work for any agency or commercial body. The purpose of this is roughly:-

1. So if one of us happen to work someone on air, we can check it out on this list.
2. If we want to know about something or some rig, we know who else has the rig.
3. To get a feeling of the general interest and the activity of the list subscribers.
4. And many other good reason folks..... :-)

Finally, to take a short poll. TO all who have sent their info, should I:-

- a) Post the final list to the whole QRP-L?

- b) CC: a copy of the list to only those who have contributed?
- c) Give this to the list manager so anyone can request it?

Lemme know. Thanks.

73 de 9V1ZV Daniel

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+-----+-----+
| Daniel Wee | daniel%pandora@lugs.po.my |
| 9V1ZV      | daniel.wee@f516.n600.z6.fidonet.org |
| UUCP1.12j  | Packet: 9V1ZV @ 9V1VS.SGP.AS -- |
+-----+-----+
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From owner-qrp-l@netcom.com Sun Feb 26 01:42:32 1995  
 Message-Id: <199502231353.FAA22600@mail3.netcom.com>  
 Date: Thu, 23 Feb 1995 08:54:31 -0500  
 From: pelt@vt.edu (Randy Pelt)  
 Subject: Re: Resurrecting the Argonaut

>So up-front and country-simple, let's be realistic  
 >about what Ten Tec could produce for about \$600 a  
 >box. A dead-band receiver that works when the chips  
 >are down and the A-index is shot might make a great start.  
 >Sure, digital readout would be a must. Three modes,  
 >maybe, as long as two of them were CW and SSB (selectable  
 >regardless of the band) would be de rigeur. Front panel  
 >mic and headphones holes, the obligatory RF/AF & TX power  
 >controls and a couple knobs for bandswitching and  
 >meter operation (SWR/PWR/Rx Signal) would finish off  
 >the project. And it might even come in a shipping box  
 >with a return address on it. That's about all I'd  
 >ask for.  
 >

Sure sounds like a Ten Tec Argosy to me.

Ranson J. Pelt CPA,CBA  
 Internal Audit Manager  
 Virginia Tech 0328  
 Blacksburg, VA 24061  
 (703) 231-9475 FAX (703) 231-4681

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QST de nz4i ex w4wyt Semper Fi



From owner-qrp-l@netcom.com Sun Feb 26 01:49:13 1995  
From: LVE1@inel.gov  
Message-Id: <9502231741.AA11487@garnet.inel.gov>  
Date: Thu, 23 Feb 1995 10:43:21 -0700  
Subject: Re: Resurrecting the Argonaut

>It must have slipped past quite a few folks that  
>the discussion about resurrecting the Argonaut went  
>straight from "affordable" to "fancy extras included  
>at no extra charge" without skipping a beat. I mean,  
>here we are moaning the demise of the Argonaut II in  
>terms of its outrageous cost while at the same time  
>recommending that any subsequent resurrections should  
>include built-in antenna tuners, microprocessor  
>controlled keyers and displays and speech compression --  
>all the fancy techno-rave stuff that doesn't come  
>cheap and never will.

>  
I agree; KISS (keep it simple, stupid!) is the only way to go.  
However, I might point out that a simple speech processor would not  
add much to the cost; Ten-Tec sells a nice little kit for only \$9!  
RIT is, in my opinion, an absolute necessity -- even the NorCal 40A has  
that feature -- and should not add more than a couple of \$\$'s to the cost.  
Can certainly do without VFO memories, RS-232 interface and automatic  
antenna tuner! Maybe a keyer could be available as an option.  
Might have to include a digital display tho... lots of the new  
appliance operators don't know how to read an analog dial!

>

> .....

>So the question ultimately comes to this: Does anyone  
>at Ten Tec read this list? They oughtta.

> .....

Doubt it; last I heard, they didn't even know what "internet" was!!

-----  
"Any opinions expressed herein are my own and probably do  
not agree with those of my employer, the U.S. Government  
or my spouse"

--... ..--

Larry V. East (W1HUE)  
Idaho Falls, ID  
e-mail: LVE1@inel.gov  
Packet: W1HUE@WT7B.ID.USA.NOAM

work: (208) 533-4005    home: (208) 529-2162

From owner-qrp-1@netcom.com Sun Feb 26 01:26:10 1995  
Date: Fri, 24 Feb 1995 15:57:15 -0700  
Message-Id: <199502242257.PAA06492@mailhost.primenet.com>  
From: aa7qy@PrimeNet.Com (Roger Hightower)  
Subject: Stepped drill bits

I've seen some pretty horrendous prices here on these drill bits. I got mine at an auto body and paint supply shop for \$32.00...used it when installing radio/light systems in police cars, and it now works great for case holes for ham radio projects. It WILL dimple the surface a bit, but a starter hole cures that.

73, Roger AA7QY  
aa7qy@primenet.com      rhigh@aztec.asu.edu      Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From owner-qrp-l@netcom.com Sun Feb 26 01:08:26 1995  
Message-Id: <n1418495710.17099@msmailgw1.arlut.utexas.edu>  
Date: 24 Feb 1995 11:51:47 -0600  
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>  
Subject: Stepped drill bits and other kit tools

On page 208 of my Jensen tool catalog:

|                                 |         |
|---------------------------------|---------|
| Step drill 1/8 inch to 1/2 inch | \$25.95 |
| 1/4 inch to 3/4 inch            | \$43.50 |

They may not be the lowest priced place; as there are a number of specialty tool companies for the electronics trade, but they are dependable and have a lot of stuff.

Jensen Tools Inc.  
7815 S. 46th St.  
Phoenix, AZ 85044-5399                orders 800-426-1194 or 602-968-6231  
24 hour fax 800-366-9662  
or 602-438-1690  
free catalog, and full color; lot of fun just to look and dream!!

-Stuart K5KVH

From owner-qrp-l@netcom.com Sun Feb 26 01:06:48 1995  
From: Ross Forbes <rforbes@hooked.net>  
Date: Sat, 25 Feb 1995 15:50:59 -0800  
Message-Id: <199502252350.PAA08110@webe.hooked.net>  
Subject: Subscribe qrp-l

subscribe qrp-1

From owner-qrp-1@netcom.com Sun Feb 26 01:08:38 1995  
From: David Adams <dave@flowserver.stem.com>  
Message-Id: <9502250116.AA08263@flowserver.stem.com>  
Date: Fri, 24 Feb 95 17:05:30 -0800  
Subject: The Final Fox

Slight change to my fox schedule...it was made back when I was a tech+ with no hope of ever passing the code test so....

March 2 300-500 UTC...I'll start alternate between 7040 and 7110 in half hour increments (starting at 7040). Higher class license holders are welcomed to contact me in the novice sections, but I do ask that you make room for anyone you may hear less code-handly than yourselves....(other than me I mean...).

73 de dave, n9uxu

From owner-qrp-1@netcom.com Sun Feb 26 00:53:35 1995  
Date: Sat, 25 Feb 1995 10:49:29 -0600 (CST)  
From: Paul Conant <pconant@dfw.net>  
Subject: unsubscribe  
Message-Id: <Pine.SUN.3.90.950225104808.28920A@dfw.net>

unsubscribe qrp-1